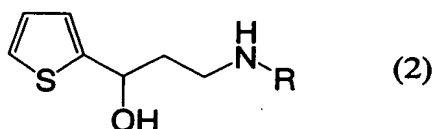


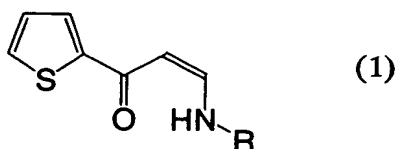
ABSTRACT

The present invention provides a process for producing an *N*-monoalkyl-3-hydroxy-3-(2-thienyl)propanamine represented by General Formula (2):

5



wherein R is C₁₋₄ alkyl, comprising the step of reducing (Z)-*N*-monoalkyl-3-oxo-3-(2-thienyl)propenamine represented
10 by General Formula (1):



wherein R is as defined above. According to the present
15 invention, an *N*-monoalkyl-3-hydroxy-3-(2-thienyl)propanamine which is for use as an intermediate for various pharmaceuticals can be produced in an industrially inexpensive and easy manner.